

## Recombinant Human LGALS1, GST-tagged

Cat. No. LGALS1-13121H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human LGALS1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-135a.a.

**Description** The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** LGALS1 lectin, galactoside-binding, soluble, 1 [ Homo sapiens ]

**Official Symbol** LGALS1

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<b>Synonyms</b>	LGALS1; lectin, galactoside-binding, soluble, 1; galectin-1; galectin 1; GBP; HBL; HPL; gal-1; HLBP14; galaptin; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa; GAL1; DKFZp686E23103;
<b>Gene ID</b>	<a href="#">3956</a>
<b>mRNA Refseq</b>	<a href="#">NM_002305</a>
<b>Protein Refseq</b>	<a href="#">NP_002296</a>
<b>MIM</b>	<a href="#">150570</a>
<b>UniProt ID</b>	<a href="#">P09382</a>
<b>Chromosome Location</b>	22q13.1
<b>Pathway</b>	Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
<b>Function</b>	galactoside binding; glycoprotein binding; lactose binding; laminin binding; protein homodimerization activity; signal transducer activity; sugar binding;

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